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1. Electric engineering—Dictionaries. 2. Electronics—Dictionaries. 3. Computer engineering—Dictionaries. 4. Electric engineering—Acronyms. 5. Electronics—Acronyms.

Introduction

How to Use This

Categories

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The Authoritative

Abstracts and Sou

Non-IEEE Stand:

cient multiplied by a power a notation system in which a

on of fluctuation of the amplitude idence of a particle or phones be term scintillation is sometimes was r changes in the transmission patt or The rapid changes in irradiance en 2000 and 15 000 angranes. illator. Nate: Optical phones was Hillators) The optical photons photons with energies orrespond (1.EO) 586 (/// (NPS) 39

and scintillation error, use of one of the s is recommended to avoid ambiguity ause this term has been applied warrow; ns of phase and angle of any a ur due to changes in aspect angle of who ions in the received signal from a compa-(AP/PROP) 211-1960

ed circuitry for detection and measurement The combination of scintillation-county (AE3) 686-1440

um-137. See also: scintillation counce. solution for the gamma ray or convenses cesium resolution The scintillutor (NPS) 398,1972

AMED is frequently used as a measure of ution curve. See also: scintillation counter runter energy resolution where E is the th at half maximum of the energy dise. Juanuliutively, it is the fractional regular idiation that can be discerned by the sen in energy between two particles or play the energy distribution curve Note: The energy resolution A measure of the (NPS) 398-1973; (NPS) 398.1973

he scintillation-counter energy resolution he specified energy. See also: scintillation energy-resolution constant The product fractional full width at fall maximum (NPS) 175-1960w

\*; phototube. ocells that produces electric pulses or other response to conizing radiation. See also time discrimination A measure of the head The combination of scintillators and (NPS) 175-1960»

cn 2000) and 15 (100 angstroms. See also read of a scintillation until 90% of the opn The time interval from the emission of photons with energies corresponding to scintillation have been emitted. Note: Opcintillation counter. lengths between 2000 and 15 000 as mum value. Note: Optical photoss, for de andard, are photons with energies core ions of a scintillation to decrease from 909 me The time required for the rate of emisis frequently used as a measure of the one e: The full width at half maximum of the ely, it is the standard deviation of the timealso: scintillation counter. time between two individually discernibe (NPS) 398-1972r (NPS) 398-1972 160-1957#

> idex the forester. A property as the fire the intensity. (AP/PROP) 211-1997

Beautiful value New Optical photons are phooutos of a scintilation to increase from 10% to time The time required for the rate of emission ergies corresponding to wavelengths between 18 200 mestroms. See also: scintillation counter. (NPS) 398-1972r

of grindlator materials, numely, to jonizing radiation. Noves: I. There are five major material A material that emits optical photons in The body of scintillator material together with its wavelengths between 2000 and 15 (00) ang-Supplement of ionizing radiation. Note: The efficiency conversion efficiency. The ratio of the optical phosee also: scintiflation counter. Opical photons are photons with energies correy i lowerion of the type and energy of ionizing granted by a secuniflator to the incident energy of See also seimiliation counter. (NPS) 398-1972r (NPS) 175-1960w

ganic crystals such as Nat(T1) single crystals. ZuS(Ag)

Jase cimillators: (1) liquid, (2) plastic, (3) glass and crystals (such as, unthracene, trans-stillbene);

Carantor scintifiators. gaseous scintiflators:

Spried photons are photons with energies corresponding parelengths between 2000 and 15 000 angstroms. See the schollation counter. (NPS) 398-1972r

pulleter photom distribution (in number) The statistical dis-2001 scintillation counter. 200 wavelengths between 2000 and 15 000 angstroms, See im Opical photons are photons with energies correspondabout of the number of optical photons produced in the smillator by notal absorption of monoenergetic particles dation counter. Signific Services 2000 and 15 feet angestrooms. See after semiall the material total conversion efficiency. The ratio of man are photons with energies corresponding to wavestant of ionizing radiation that is totally absorbed in the so at the type and energy of the ionizing radiation. Optical similate material. Nate: The efficiency is generally a funcremains on energy produced to the energy of a particle (NPS) 308-1972r

where view volume are removed. See also: wrap-around was elements that lie outside of the physical bounds of a spaning A computer graphics technique in which portions of (NPS) 398-1972r (C) 610.6-1991w

When specification change notice.

(i) (navigation aids) The face of a cathode-ray tube or

wer which a carriable is bound: "the scope of a variable start. Namially used with "variable" to describe the region 328 souther text that is associated with a linguistic con-Discheme programming language) The region of a proand the similar uppearance. A colloquial abbreviation of (AES/GCS) 172-1983w

and card A special card that contains one or more scored We card. See when processable scored card. (4) See also: transit. हिंद के facilitate precise folding or separation of certain parts of the word oscilloscope. The face of a cuthode-ray tube or a display of similar Mediance, Note: The term scope is a colloquial abbreviation (T&D/PE) 524-1992r (C/MM) 1178-1990r (AES) 686-1997

aning system (motion-picture production) (electroacous-les) A recording system used for recording music to be (C) 610.10-1994w

> istics laid down by the International Commission on Illumiby the photometric standard observer having the character spectral luminous efficiency function relate to scotopic vision unity. Unless otherwise indicated, the values used for the lm, being chosen so that the maximum value of this ratio is luminous sensations under specified photometric conditions

scotopic vision (illuminating engineering) Vision mediated es-× 10<sup>-5</sup> cd/in<sup>2</sup>), (d:01 fL). with adaptation to a luminance below about 0.034 calm?, (2.2 sentially or exclusively by the rods. It is generally associated

Scott-connected transformer, interlacing impedance voltage winding is 50% of this value. See also: efficiency the three-phase line current. The current in each half of the sufficient to circulate in the supply lines a current equal to transformer winding to both ends, connected together, that is The single-phase voltage applied from the midtap of the main (1A) [61]

Scott-connected transformer per-unit resistance The meakilovolt-ampere of the teaser winding. sured watts expressed in per-unit on the base of the rated (IA) [61]

Scott or T-connected transformer (power and distribution connected transformer, main transformer, and with a center leg which has no coil assembly and provides plished with an assembly utilizing a three-legged core with or a three-phase output. Afternatively, this may be accomtween the mid-tap of the main transformer and a third phase transformers). An assembly used to transfer energy from a teaser transformer; interlacing impedance voltage of a Scotta common magnetic circuit for the two outer legs, See also: main and teaser coll assemblies located on the two outer legs transformers may be connected to provide either a two-phase wire of the three-phase circuit. The other windings of the three-phase circuit, and of a teaser transformer connected bepoint connected directly between of the phase wires of a assembly consists of a main transformer with a tap at its midfrom a three-phase circuit to another three-phase circuit. The three-phase circuit to a two-phase circuit, or vice versa; or

(PE/TR) C57.12.80-1978;

SCR Sec: semiconductor controlled rectifier; silicon controlled rectifier; reverse-blocking triode thyristor.

scram (power aperations) The rapid shutdown of a nuclear manual or automatic means of safety or control rods, or both. Emergencies or deviations reactor. Usually, a scram is accomplished by rapid insertion from normal operation may regence sometiming the reactor by (PE/PSE) 858-1987s

scraper hoist A power-driven hoist operating a scraper to move material (generally ore or coal) to a loading point

scratch (A) To physically erase data from its medium. (B) To logically delete the identification of data from its medium. (EEC/PE) [119] (C) 610.5-1990

scratch file A file used as a work area to hold data temporarily

(C) 610.5-1990w

scratchpad area (SPA) A portion of computer memory shared by a set of computer programs or processes for some special interprocess communication. Synonym: scratchpad RAM purpose. For example, memory used by two programs for

(C) 610.5-1990w, 610.10-1994w

scratchpad memory See: temporary storage. scratchpad RAM See: scratchpad area

screen (1) (rotating machinery) A port cover with multiple openings used to limit the entry of foreign objects.

(JA/APP) (90)

the visible pattern is produced. See also: electrode. (2) (cathode-ray tubes) The surface of the tube upon which

vice or may occupy the entire physical area of the display display. A screen may be a portion of a physical display de-(3) A rectangular region of columns and lines on a terminal (C/PA) 9945-2-1993 (ED) 161-1971w

several pages. See also: display device. (4) The portion of a display that is visible on the display device. A screen may show part of a page, an entire page, or (PE/NP) 1289-1996

screened conductor cable A cable in which the insulated conductor or conductors is/are enclosed in a conducting envelope (5) See also: display screen. (PE/IC/TR) C57.15-1968s (C) 610.10-1994w

screen editor See: full-screen editor

screen factor (electron-tube grid) The ratio of the actual area the grid. See also: electron tube. of the grid structure to the total area of the surface containing (ED) [45], [84]

screen grid A grid placed between a control grid and an anode. screen funt A fent designed for use on a display device. None: and usually maintained at a fixed positive potential, for the purpose of reducing the electrostatic influence of the anode onym: graphical user interface font. Usually matches closely the four used when printing. Syn-(C) 610.10-1994w

screen-grid modulation Medulation produced by application also good electrode. in the space between the screen grid and the cathode. See ode of any multigrid tube in which the carrier is present. of a modulating voltage between the screen grid and the carh-(ED) 161-1971w

(BT) 182A-1964w

screen image See: display image.

screening (telephone switching systems) The ability to accept number information, or reject calls by using trunk or line class or trunk or line (C) [85]

screening test A test, or combination of tests, intended to rescreening measurements Measurements made to detect radiotify the amount of a given radionuclide. (NI) N42.23-1995 move unsatisfactory items or those likely to exhibit early failactive material under routine conditions, but not used to quan-

screen protected See: guarded.

ures. See also: reliability.

(R) [29]

screen size The diameter of a carbode ray tube outside of its diagonal of the display space after the tube has been mounted inside its housing. housing or, for a non-round tube, the length of the maximum (C) 610.6-1991w

screen, viewing See: viewing area

SC resource manager A resource manager that supports static VXIbus devices. configuration and does not support dynamic configuration of (C/MM) 1155-1992

screw machine (elevators) An electric driving machine, the end of the screw is connected directly to the car frame or platform. The machine may be of direct or indirect drive type nut with or without suitable gearing, and in which the upper motor of which raises and lowers a vertical screw through a (EEC/PE) [119]

The cursor remains stationary while the data moves.

scroll har A visual user interface common userciated wat a scrottable area, that indicates to a user that more information 11C/PA1 9945-3-1993

is available and can be scrotled into view.

seruled window A window that presents information that ex bar to bring the contents contently outside the dictory sea creats the space available for display. The user uses the soot (C) 1295-1995<sub>3</sub>

scrolling (1) (word processing) The process of mering an seroll left, right, up, or down in a document. See also recent dow moving on a large page of a document. So operatoring across a display screen is crome the effect of a viewing sign (C) 610.21983

which the data rulls commonsty behind a fixed digital nieveneent. Contrast: panning (2) (computer graphics) The process of moving us estimated (3) A method of viewing and moving the data displayed in scretting is sometimes used to mean vertical or homeous sign of vertical movement of the image, since The tem display image in such a manner that new data appears within the viewpour as old data disappears, to give a visual impres (PENP) 1289-19% \*1661-9'0H9 (C)

scrubber The node that marks packets as they go past in a tasks for the ringlet. There is always exactly me sculburge a ringlet. Normal nodes may all have scratter capability built the sendober will take responsibility for minatigue a high in, but exactly one is enabled as scrubber per inglet. Often definitely. The scrubber also performs other bousdooms vents dannaged or misadetensed packets from cacdaing in ringlet, and discreeds any greenously marked packet. This prebut this could be done by another (unique) note

SC system A VXIbus system with no DC dislocts. (CMM) 1596-1993

sculling error tinertial sensors) (strapdown inertial system) atong an axis perpendicular to these two axes processing, an apparent rectified acceleration is produced same frequency, around a perpendicular axis. In the compared vibration along one axis and an angular oscillation at the A system error resulting from the combined liquit of how (AES/GYAC) SS-ISK (C/MM) 1155-1990

senzzy Colloquial pronunciation for "SCSL" See that will computer systems unterface (C) 510:19:19:49

SDC See: self-damping conductor.

SDL See: Specification and Description Language software SDD See: sufficient design description.

SDN See: software defined network velopment library

SDS See: sparse data seum sequentia) data set

SDV (segment delay value (ARCHIVE)) See: Segment William

Value.

SDP See: software development plan SDR See: system design review.

scal, double electric conductor

ester.

comminment structure at

galed (I) (power and a

(C) 1295-1993<sub>8</sub> uso the machine. See a enclosure or the leakage imize cutter the leakage within specified limits r specied that the enclose (2) (rotating machiner

ested bushing An oil-fil identified by the pame grad options assembly

ealed-beam headlasmp

maked cell (1) (head stor escape of gases from the erating station) A cel of the apparatus on who tained within the bushin

seded dry-type transfor bution transformers) ment of electrolyte spethe addition of water o sandumer with a hera vent of effective spray-(2) A scaled cell (or by to the cell purricles of i

saled end (cable) (ship) protection against the

b digid day Gandara wing gas may be air.

wated relay contacts. A saled refrigeration con emparment separate of which are enclosed Pristing ausgandang ga esternal shaft or shaft bigonar amosphere y

the sall volume remain. was plus the off worten was it sealed from the **121 A Investion**d of oil pr lank is wealed from the May 4 method of oil p

wake transformer (pov Striffe transformer v

The Mar An electron